

## RANGERS OF CHANGE (ROC)

**ERASMUS+  
2022 – 2024**



*“The cure for anything is salt water:  
sweat, tears or the sea.”*

– Isak Dinesen

- ♣ Similar to many regions in the rest of the world, worries over water stress and scarcity are increasing in Europe too, amid an increased risk of droughts due to climate change. About 88.2% of Europe’s freshwater use comes from rivers and groundwater, while the rest comes from reservoirs and lakes, which makes these sources vulnerable to threats posed by over-exploitation, pollution and climate change.
- ♣ Water demand across Europe has steadily increased over the past 50 years, partly due to population growth. This has led to an overall decrease in renewable water resources per capita by 24 % across Europe.
- ♣ Agriculture is the highest water user in southern Europe, while cooling in power generation is putting the most pressure on water resources in western and eastern Europe.

*“We forget that the water cycle and  
the life cycle are one.”*

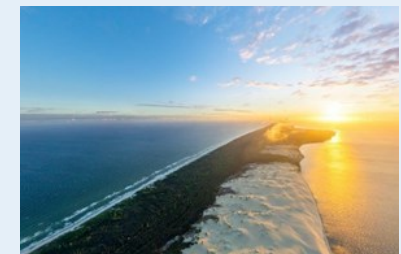
– Jacques Yves Cousteau

## WATER IN LITHUANIA



*The Baltic Sea*

- ♣ Lithuanian tap water is among the cleanest in Europe and is perfectly drinkable. This is because 100% of it is taken from abundant underground sources sheltered from human interference (rather than from surface lakes or rivers where it could be easily contaminated).
- ♣ Lithuania is among EU leaders in terms of water purity and waste water treatment. Also, Lithuanian companies export modern water treatment technologies to many European, Asian and African countries.



*The Curonian Spit*

- ♣ Lithuania has one of the largest fresh water supplies in Europe: we have a totally sufficient fresh groundwater supply.
- ♣ “This is an exceptional privilege created by nature. We can truly boast that we have unlimited water resources with 3.75 million cubic meters per day can be drained from the soil. This volume can be pumped out safely without degrading groundwater resources,” said the Head of the Geology Service, Lithuania.



*There is no shortage of lakes in Lithuania, and their great advantage is extremely clean water. One of them is Lake Dusia.*



WATER



ÁGUA



VANDUO



APĂ



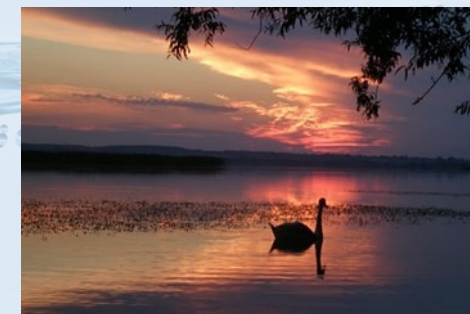
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***“If there is magic on this planet, it is contained in water.”***

– Loren Eiseley



*Dusia Lake*

- ♣ We all have to use water much more efficiently. Saving water will also help us save other resources and help conserve nature.

***“Thousands have lived without love, not one without water.”***

– W. H. Auden

***“Nothing is softer or more flexible than water, yet nothing can resist it.”***

– Lao Tzu



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